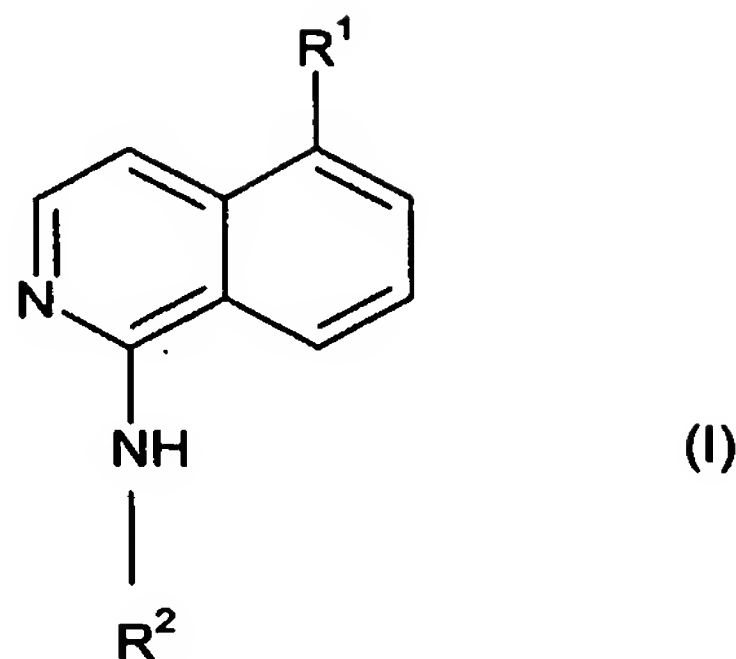


CLAIMS

1. A compound of Formula (I):



10 wherein R¹ represents a phenyl or naphthyl group (each of which is substituted by one or more substituents independently selected from -OH, -C₁₋₆alkyl, C₁₋₆haloalkyl, -OCH₂OCH₃, -C₁₋₆alkoxy, -halogen,), or a mono or bicyclic heteroaryl group comprising 1, 2 or 3 nitrogen atoms, optionally substituted by -C₁₋₆alkoxy, -C₁₋₆alkyl, C₁₋₆haloalkyl or =O;

15 R² represents H, benzoimidazolyl, benzothiazolyl, isoquinolinyl, or quinolinyl group or phenyl (said phenyl being optionally substituted by -NR³R⁴, -C₁₋₄alkoxy, -C₁₋₆alkyl, -CONR³R⁴, -SO₂NR³R⁴, -NHCONR³R⁴, -NHCOC₁₋₆alkyl, -C₁₋₆haloalkyl, -OCH₂O-, -phenoxy (wherein the phenyl moiety is optionally substituted by NH₂), -C₁₋₃alkyl, -C₁₋₃alkoxy, -CF₃, -5 membered heteroaryl group comprising one or two nitrogen atoms).

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R³ and R⁴ are independently selected from H, -C₁₋₆alkyl, -C₁₋₃alkylNR⁵R⁶;

R⁵ and R⁶ are independently H or C₁₋₃alkyl;

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or a salt, solvate, or physiologically functional derivative thereof.

2. A compound according to claim 1 wherein R¹ phenyl (substituted by one or more substituents selected from -OCH₂OCH₃, -OH, -halogen, -OCH₃), naphthyl (substituted by OH), indoliny, quinoliny or a pyridiny moiety (wherein the pyridiny moiety is optionally substituted by -OCH₃ or = O).

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3. A compound according to claim 2 wherein R¹ is phenyl substituted by OH.

4. A compound according to claim 3 wherein the OH is on the 5 position of the phenyl ring.

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5. A compound according to claims 1 – 4 wherein R² is H, quinoline, phenyl (optionally substituted by -SO₂NH₂, CF₃, -CONH₂, -imidazolyl, -OCH₃, C₁₋₃ alkyl, -OCH₂O-, CONH CH₂CH₂ N(CH₂CH₃), -O-phenyl (where the phenyl is substituted by NH₂), -NHCOCH₃, NH₂, NHCOCH₃,) or benzoimidazolyl or benzothiazolyl moiety.

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6. A compound according to claim 5 where in R² is a quinoline moiety, a quinoline 6-yl moiety.

7. A compound according to claim 6 wherein R² is a quinoline 6-yl moiety.

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8. A compound as claimed in claim 1, selected from the group consisting of:

5-(Indol-5-yl)-1-(quinolin-6-yl)aminoisoquinoline;

5-(2-Methoxypyridin-5-yl)-1-(quinolin-6-yl)aminoisoquinoline;

25

5-(Pyridin-2-on-5-yl)-1-(quinolin-6-yl)aminoisoquinoline;

5-(4-Methoxymethoxyphenyl)-1-(quinolin-6-yl)aminoisoquinoline;

5-(4-Hydroxyphenyl)-1-(quinolin-6-yl)aminoisoquinoline;

5-(3-Fluoro-4-hydroxyphenyl)-1-(quinolin-6-yl)aminoisoquinoline;

1-Amino-5-(indol-5-yl)isoquinoline;

30

1-Amino-5-(2-methoxypyridin-5-yl)isoquinoline;

1-Amino-5-(pyridin-2-on-5-yl)isoquinoline;

1-Amino-5-(3-methoxyphenyl)isoquinoline;
 5-(2-Hydroxynaphthalen-6-yl)-1-(quinolin-6-yl)aminoisoquinoline;
 5-(4-Chloro-3-hydroxyphenyl)-1-(quinolin-6-yl)aminoisoquinoline;
 3-[5-(4-Chloro-3-hydroxyphenyl)-isoquinolin-1-

5 ylamino]benzenesulfonamide;

5-(3-Hydroxyphenyl)-1-(4-trifluoromethylphenyl)aminoisoquinoline;
 5-(3-Hydroxyphenyl)-1-(quinolin-6-yl)aminoisoquinoline;
 1-(4-Aminocarbonylphenyl)amino-5-(3-hydroxyphenyl)isoquinoline;
 5-(3-Hydroxyphenyl)-1-[4-(imidazol-1-yl)phenyl]aminoisoquinoline;
 10 3-[5-(3-Hydroxyphenyl)-isoquinolin-1-ylamino]benzenesulfonamide;
 5-(3-Hydroxyphenyl)-1-(3-methoxyphenyl)aminoisoquinoline;
 1-(3-Ethylphenyl)amino-5-(3-hydroxyphenyl)isoquinoline;
 N-(2-Diethylaminoethyl)-4-[5-(3-hydroxyphenyl)isoquinolin-1-

ylamino]benzamide;

15 1-(3-(4-Aminophenoxy)phenyl)amino-5-(3-hydroxyphenyl)isoquinoline;
 5-(3-Hydroxyphenyl)-1-phenylaminoisoquinoline;
 5-(3-Hydroxyphenyl)-1-(3,4-methylenedioxyphenyl)aminoisoquinoline;
 1-Amino-5-(3-hydroxyphenyl)isoquinoline;
 1-(Benzothiazol-6-yl)amino-5-(3-hydroxyphenyl)isoquinoline
 20 1-(Benzimidazol-5-yl)amino-5-(3-hydroxyphenyl)isoquinoline
 1-(3-Aminophenyl)amino-5-(3-hydroxyphenyl)isoquinoline
 {3-[5-(3-Hydroxyphenyl)isoquinolin-1-ylamino]phenyl}urea
 N-{3-[5-(3-Hydroxyphenyl)isoquinolin-1-ylamino]phenyl}acetamide;

25 or a salt, solvate, or physiologically functional derivative thereof.

9. A pharmaceutical composition, comprising: a therapeutically effective amount of a compound as claimed in any one of claims 1 - 8, or a salt, solvate, or a physiologically functional derivative thereof and one or more of pharmaceutically acceptable carriers, diluents and excipients.

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10. A compound as claimed in any of claims 1 - 8, or a salt, solvate, or a physiologically functional derivative thereof for use in therapy.

11. A compound as claimed in any of claims 1 - 8, or a salt, solvate, or a
5 physiologically functional derivative thereof for use in treating a disorder in a mammal, said disorder being mediated by at least one of inappropriate ALK5 activity.

12. A compound as claimed in any of claims 1 - 8, or a salt, solvate, or a
10 physiologically functional derivative thereof for use in treating chronic renal disease, acute renal disease, wound healing, photoaging of the skin, arthritis, osteoporosis, kidney disease, congestive heart failure, ulcers, ocular disorders, corneal wounds, diabetic nephropathy, impaired neurological function, Alzheimer's disease, atherosclerosis, peritoneal and sub-dermal adhesion, any disease wherein
15 fibrosis is a major component, including, but not limited to lung fibrosis and liver fibrosis, for example, hepatitis B virus (HBV), hepatitis C virus (HCV), alcohol-induced hepatitis, haemochromatosis and primary biliary cirrhosis, and restenosis.

13. A method of treating a disorder in a mammal, said disorder being mediated by
20 at least one of inappropriate ALK5 activity, comprising: administering to said mammal a therapeutically effective amount of a compound as claimed in any one of claims 1 - 8, or a salt, solvate, or a physiologically functional derivative thereof.

14. A method according to claim 13 wherein the disorder mediated by
25 inappropriate ALK5 activity is chronic renal disease, acute renal disease, wound healing, photoaging of the skin, arthritis, osteoporosis, kidney disease, congestive heart failure, ulcers, ocular disorders, corneal wounds, diabetic nephropathy, impaired neurological function, Alzheimer's disease, atherosclerosis, peritoneal and sub-dermal adhesion, any disease wherein fibrosis is a major component,
30 including, but not limited to lung fibrosis and liver fibrosis, for example, hepatitis B

virus (HBV), hepatitis C virus (HCV), alcohol-induced hepatitis, haemochromatosis and primary biliary cirrhosis, and restenosis.

15. Use of a compound as claimed in any of claims 1 - 8, or a salt, solvate, or a
5 physiologically functional derivative thereof in the preparation of a medicament for use in the treatment of a disorder mediated by inappropriate ALK5 activity.

16. Use according to claim 15 wherein the disorder mediated by inappropriate
ALK5 activity is chronic renal disease, acute renal disease, wound healing,
10 photoaging of the skin, arthritis, osteoporosis, kidney disease, congestive heart failure, ulcers, ocular disorders, corneal wounds, diabetic nephropathy, impaired neurological function, Alzheimer's disease, atherosclerosis, peritoneal and sub-dermal adhesion, any disease wherein fibrosis is a major component, including, but not limited to lung fibrosis and liver fibrosis, for example, hepatitis B virus
15 (HBV), hepatitis C virus (HCV), alcohol-induced hepatitis, haemochromatosis and primary biliary cirrhosis, and restenosis.